ELECTRIC APPLIANCES

GLASS PANEL HEATER

Model: G3INV-20DTW 2.000W/1.000W
G3INV-20DTB 2.000W/1.000W

User's Manual

Thank you for choosing inventor® Glass Panel Heater. Please read this manual carefully and keep it for future reference.

English

inventor®
Your-conditions

GLASS PANEL HEATER WITH MECHANICAL CONTROL

MODEL : G3INV-20DT W/B 1000W/2000W
(WHITE-BLACK)

Please read and save these instructions!

BEFORE FIRST USE

Read and follow all the Instructions in this "User Manual" even if you feel you are familiar with the product, and find a place to keep it handy for future reference.

For your convenience record the complete model number (located on the product identification plate) and the date you received the product, together with your purchase receipt and attach to the warranty and service information. Retain in the event that warranty service is required.

NOTE: The rating of this product (as marked on the product identification plate) is based on specific loading tests. Normal use or the use of other recommended attachments may draw significantly less power.

IMPORTANT SAFEGUARDS

When using any electrically powered product, basic safety precautions should always be followed, including the following:

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THE PRODUCT.

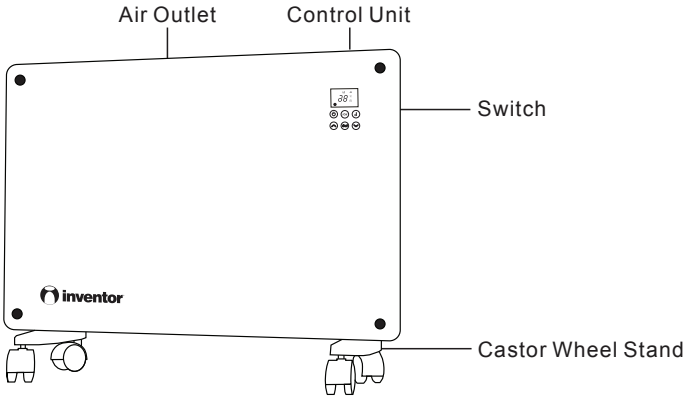
WARNING - to reduce the risk of fire, electrical shock or injury to persons or property:

- Read all instructions before using this appliance and keep them for future reference.
- Use only the voltage specified on the rating plate of the heater.
- Do not cover or restrict airflow to the inlet or exhaust grilles in any manner as the appliance may overheat and become a fire risk.
- Do not cover grilles, block entry or exhaust of airflow by placing appliance against any surface. Keep all objects at least 1 meter from the front, side and rear of the appliance.
- Do not place the appliance close to a radiant heat source.
- Do not operate in areas where gasoline, paint or other flammable liquids are used or stored.
- This appliance heats up when in use. To avoid burns, do not let bare skin touch hot surface. Switch off and let the appliance cool down before moving
- Do not use the appliance to dry clothes.
- Do not insert or allow foreign objects or metal utensils to enter any ventilation or exhaust opening, as this may cause an electric shock, fire or damage to the appliance.
- Do not immerse in liquid or allow any liquid to run into the interior of the appliance, as this could create an electrical shock hazard.
- Do not reach for an appliance that has fallen into water. Switch of at supply and unplug immediately.
- Do not operate any appliance with a damaged cord,plug or after malfunction of the appliance or has been dropped or damaged in any manner. Refer to a qualified electrician for examination, electrical or mechanical adjustment, service or repair.
- Do not operate appliance with wet hands.
- The most common cause of overheating is deposits of dust or fluff in the appliance. Ensure these deposits are removed regularly by unplugging the appliance and vacuum cleaning air vents and grilles.
- Do not use this appliance near a window as rain may cause electric shock.

- Do not use an abrasive cleaning product on this appliance. Clean with a damp cloth (not wet) rinsed in hot soapy water only. Always remove plug from the mains supply before cleaning.
- Do not connect the appliance to the mains voltage until completely assembled and adjusted.
- This appliance is not intended for use in outdoor locations.
- Do not use this appliance in the immediate surrounds of a bath, a shower or a swimming pool or other liquids.
- Always operate upright.
- Switch off and let the appliance cool down before moving.
- Do not operate with cord set coiled up as a build-up of heat is likely, which could be sufficient to become a hazard.
- The use of an extension cord with this appliance is not recommended.
- Do not remove plug from power socket until the appliance has been switched off.
- Do not remove plug from power socket by pulling the supply cord-always grip plug.
- Always unplug appliance when not in use.
- CAUTION: This product is NOT suitable to be used on long pile carpets or Flokati rugs.
- Do not allow cord to come in contact with heated surface during operation.
- Do not run cord under carpeting, throw rugs or runners etc. Arrange cord away from traffic areas so that it will not be tripped over.
- Do not twist, kink or wrap the cord around the appliance, as this may weaken and split the insulation. Always ensure that all cord has been removed from any cord storage area.
- Do not use outdoors or whilst standing on a damp floor.
- Do not store appliance while it is still hot.
- This appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure they do not play with the appliance.
- The appliance must not be located immediately below a socket-outlet.
- Do not use this appliance with another programmer, timer or any other device that switches the heater on automatically, since a fire risk exists if the appliance is covered or positioned incorrectly.
- All covers of this appliance are intended to prevent direct access to the heating elements and must be in place when the appliance is in use.
- "WARNING: In order to avoid overloading, do not cover the heater."
- To reduce the risk of electric shock, do not immerse or expose the product or flexible cord to rain, moisture or any liquid other than those necessary for correct operation of the product.
- The fireguard does not give full protection for young children and for infirm persons.
- If the supply cord is damaged, it must be replaced by a qualified electrician in order to avoid a hazard.
- Do not use this appliance outdoors, or on wet surfaces. Avoid spilling liquid on the appliance.
- "CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly on and off by the utility."
- Use this appliance only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electric shock or injury.
- This appliance is intended for household use only and not for commercial or industrial use.

Overview of the appliance

Fig.1



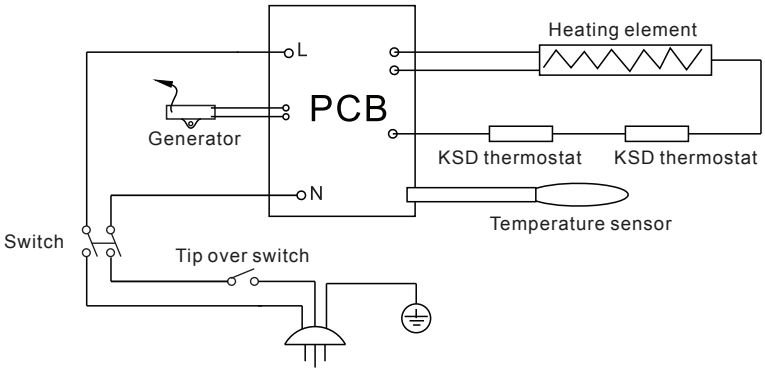
Specifications

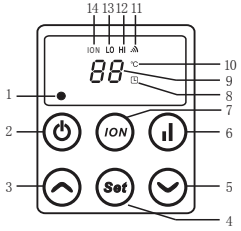
Model Number	G3INV-20DTW / G3INV-20DTB
Rated Power	1000W/2000W
Rated Voltage	220V-240V~50Hz
Dimensions(mm)	832*97*400

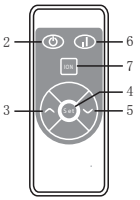
1. The function module

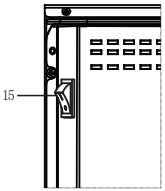
This function module is designed for the use of the Heller Panel Convector Heater. It is supplied fully assembled and can be replaced by an authorised technician. The heater must be shut down during installation. The function module contains an accurate electronic Thermostat.

Circuit Diagram









Guide to the control panel

"1" - Power Indicator
"2" - Power button
"3" - Up button
"4" - Setting button
"5" - Down button
"6" - Low/High Heating Selector
"7" - Generator (ION) button
"8" - Timer indicator
"9" - LED number display
"10" - Temperature (℃) indicator
"11" - Heating Indicator
"12" - High Heat Indicator
"13" - Low Heat Indicator
"14" - Generator (ION) indicator
"15" - Power button

1. Operation Guide

1. 1 STARTING

1.1.1 Take out the heater from the carton carefully. Please save the carton for off – season storage.

1.1.2 Make sure the convector heater is on OFF position before switching on.

1.1.3 Assemble / Fix the convector steadily according to the mounting instructions.

1.1.4 It is better not to use the same electric outlet with other high wattage electrical appliances in order to avoid overloading your circuit.

1.2 TURN ON

Plug in the unit - the power indicator lights up after a short buzz. Press "set" to turn on the unit - room temperature is displayed. The temperature light is on and the default - factory set temperature is 35°C.

1.3 TEMPERATURE CONTROL

Press "(Set)" again to set the temperature, the "88" and the temperature "℃" will flash then Press "(^)" or "(v)" arrow buttons to add 1℃ or reduce 1℃. The maximum setting temperature is 45℃ while the minimum one is 5℃

1.4 SETTING TIMER

Press "(Set)" once again to set timer, setting time is displayed while timer indicator flashes (The timer Unit is hour). Press "+"/ "-" to add or reduce 1 hour, the timer range is 0~24 hour. Keep pressing "+"/ "-" to add or reduce 1 hour in 0.5 second. The factory-set timer is 0 hour. With indicator lighting, the system starts to time according to last setting time if there is no operation for 5 seconds. Each time "+"/ "-" is pressed to set timer, system restarts to time by new time, or it does by original one till timing is over, then turns off and stops working. The unit is turned off without buzz hint when timing is over.

1.5 TURN OFF

Keep pressing "(⏻)" in any status to turn off the unit, until the power indicator light is off.

1.6 CHILDREN SAFETY LOCK FUNCTION

Under the working mode, press both "⌃" and "⌄" at the same time for 3 seconds to lock the system. Then a square "□" is displayed. 3 seconds later it resumes to inspection temperature display status. If there is a key pressed, the symbol "□" will show for 3 seconds without buzzer hint, and then it resumes to inspection temperature display status again. Methods to unlock: 1) Shut off the electric machine. 2) Timing is over 3) Press both"⌃" and "⌄" for 3 seconds.

1.7 POWER SELECTION

Press button "▮▮" to select the output power.The heater will work with the full Rated output when 'HI' is displayed. Press button "▮▮" again to switch to 'LO' heating mode.

1.8 TAKE ON THE GENERATOR (ION)

Press the "ION" on, the ION indicator will be on, then the ion will start operating, which can make the room-air cleaner.

1.9 LOCKING THE CONTROL PANEL FUNCTIONS

1.9.1 ELECTRONIC LOCKING

-Refer to section 1.6

2. Safety feature

The unit is equipped with a high limit switch; the heater will automatically shut down if it is in an over-heating condition.

It will automatically come back to work when it cools down.

3. Cleaning behind the heater

It is very easy to clean behind it. For mount ceiling installation: Hold two sides of the heater, pull the unit upwards and then forward, then you can clean behind.

After cleaning, the heater must be fixed in the normal position.

The heater requires regular cleaning to ensure trouble-free operation:

Unplug the heater from the mains supply before cleaning.

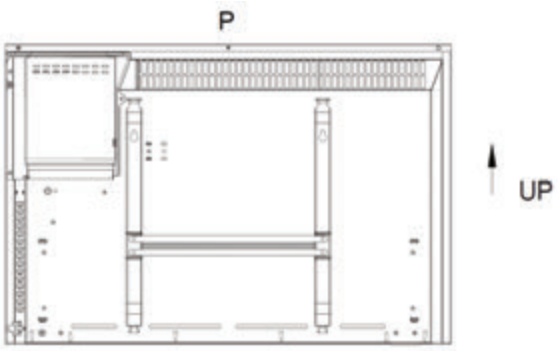
Ensure that the heater has cooled down completely before cleaning.

Use a damp cloth (not wet) to wipe the exterior of the heater, so as to remove dust and dirt.

Use a vacuum, cleaner to remove dust and fluff around the grilles.

Ensure the heater is dry before plugging back into the mains supply.

Fig.3



4. Warning

Do not cover the heater in order to prevent a fire.

5. Service

If you require a service, contact your local dealer or a qualified electrical appliance maintenance company.

6. In case of any claim, your statutory rights are offended, contact your supplier

REPLACEMENT OF SUPPLY CORD

If the supply cord is damaged, it must be replaced by a service agent or equivalent qualified person otherwise it may cause a hazard.

SUPERVISION OF CHILDREN

Young children or infirm persons should not use the heater without supervision.

For Conservatories

A robust and practical choice for conservatories

The heater offers an energy efficient heating solution for conservatories. Built to a high specification, the heater provides the perfect heating solution for conservatories where a stylish yet robust appearance is required, and energy/cost control is demanded.

Stylishly constructed and elegantly finished in white, the heater, which is maintenance free, will enhance every location.

The heater works in harmony with the Air Conditioning unit creating a perfect environment.

Features:

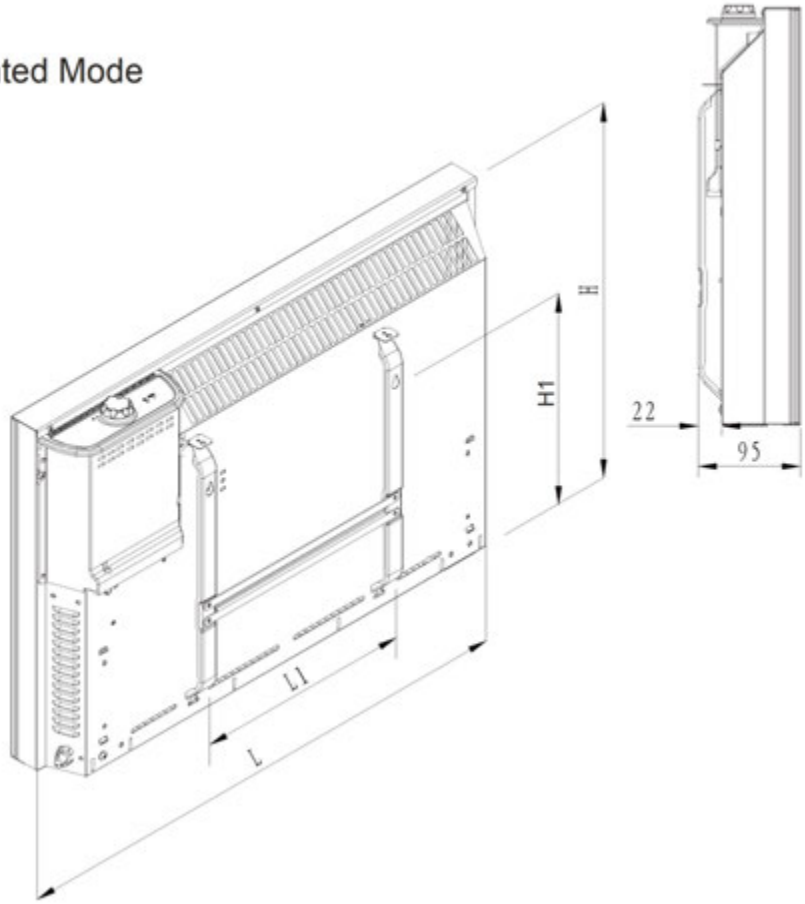
Simple and efficient usable controls
Space saving installation
Fixed economy temperature
Pre-set maximum comfort to 24° C
Tamperproof capability
Low capital cost
Maintenance free

Suitable For:

CONSERVATORIES
PROPERTY DEVELOPMENT
STUDENT ACCOMMODATION
HOTELS
COMMERCIAL

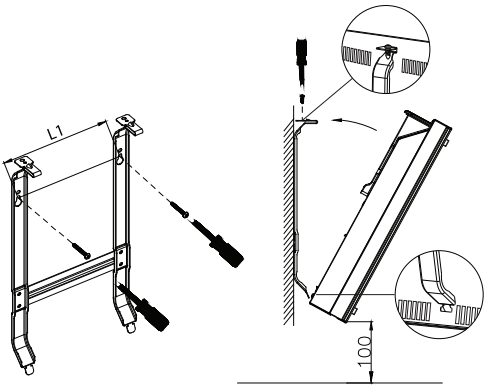
Mounting Guide

Wall Mounted Mode

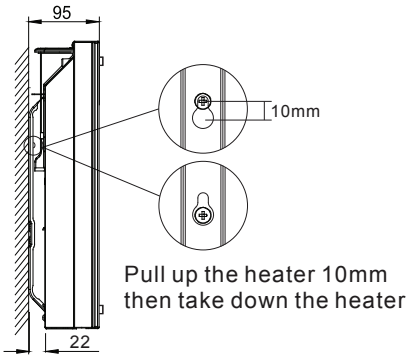


Specifications:

MODEL	POWER (W)	L mm	H mm	L1 mm	H1 mm
G3INV-20DTW / G3INV-20DTB BLACK/WHITE	2000/1000	832	400	250	254



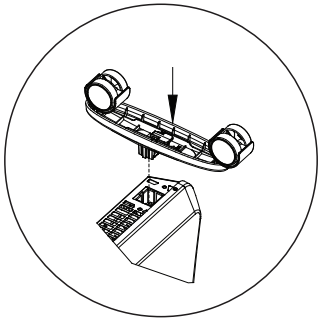
Wall mounted mode



Pull up the heater 10mm
then take down the heater

Take down the heater from wall

When the installation is complete, you will hear a "click" sound.



if the installation is complete,
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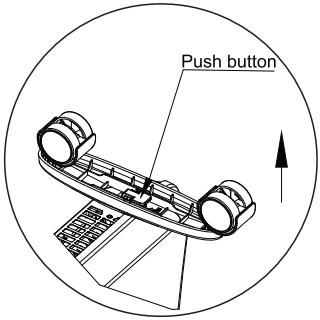

press the button up,
take down the caster

SAFETY GUARD

1. Fix the heater properly when mounting on a wall or when standing.
2. The heater is to be installed so that the controls cannot be touched by a person using a bath or shower.
3. The heater must not be installed directly under a socket outlet.
4. When the heater is working in free standing mode with the foot set, please do not use it in the vicinity of bath, shower, or swimming pool.
5. When the heater is working on wall mounted mode, do not touch the control unit when using it in the vicinity of bath, shower or swimming pool.
6. Consult a qualified electrician or service technician if the power cord is damaged.
7. DO NOT cover the heater when it is working.
8. Always store the heater when not in use.
9. Make sure the heater has cooled down before storing.
10. This heater is not equipped with a device to control the room temperature. Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

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